

Notice of Allowability

Application No.

09/620,102

Examiner

Charles E. Anya

Applicant(s)

YELURIPATI ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to remarks/arguments of 12/15/05 and interview of 2/17/06.
2. ☒ The allowed claim(s) is/are 1,2,4-20: now renumbered as 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☒ to Paper No./Mail Date 2/17/06.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2/17/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE

I. EXAMINER'S AMENDMENT:

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Charlie Bieneman on 2/17/06.

In the claims:

- a. Claim 1;
 - line 10, replace "a modified entity bean" with – designed to incorporate functions rather than data and is --;
- b. Claim 7;
 - line 10, replace "a modified entity bean" with – designed to incorporate functions rather than data and is --;
- c. Claim 10;
 - line 10, replace "a modified entity bean" with – designed to incorporate functions rather than data and is --;
- d. Claim 15;

Insert the following:

The computer system of claim 1, wherein the functional bean is modified bean.

e. Claim 16;

Insert the following:

The computer system of claim 1, wherein the functional bean allows for data persistence.

f. Claim 17;

Insert the following:

The computer system of claim 7, wherein the functional bean is modified bean.

g. Claim 18;

Insert the following:

The computer system of claim 7, wherein the functional bean allows for data persistence.

h. Claim 19;

Insert the following:

The code of claim 10, wherein the functional bean is modified bean.

i. Claim 20;

Insert the following:

The code of claim 10, wherein the functional bean allows for data persistence.

II. REASONS FOR ALLOWANCE:

1. The following is an Examiner's statement of reasons for allowance.
2. The prior arts do not expressly teach or render obvious the invention as recited in independent claims 1,7 and 10 as amended above.
3. Sudarshan et al. (U.S. 2002/0004856 A1) discloses an enterprise JavaBeans architecture that includes an application server having a container and a plurality of enterprise beans residing in the container, a remote server having a container and a plurality of proxy beans in residing in the container, whereby the proxy beans allows client system to access the actual enterprise bean as if the actual beans were deployed locally.

Glass et al. (U.S. 6,629,128 B1) discloses a distributed processing system including a client side object request broker executing on a client computer and a server side object request broker executing on a server computer that provides a remote proxy generator for dynamically generating remote proxy classes for client side communication with a server object. However, the claimed "a service manager bean coupled to said application service program for creating and returning to said client program a handle to a functional bean appropriate to the client request wherein the functional bean is designed to incorporate functions rather than data and is configured to model a business function", when taken in the context of the claims as a whole, was not uncovered in the prior art teachings.

Nor were references uncovered that would have provided a basis of evidence for asserting a motivation that one of ordinary skill in the art at time the invention was

made, knowing of an enterprise JavaBeans architecture that includes an application server having a container and a plurality of enterprise beans residing in the container, a remote server having a container and a plurality of proxy beans in residing in the container or a distributed processing system including a client side object request broker executing on a client computer and a server side object request broker executing on a server computer that provides a remote proxy generator for dynamically generating remote proxy classes for client side communication with a server object, would have integrated to teach computer system for communicating between a plurality of users and application server including a service manager bean coupled to an application service program for creating and returning to a client program a handle to a functional bean appropriate to a client request wherein the functional bean is designed to incorporate functions rather than data and is configured to model a business function.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

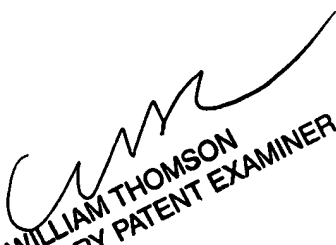
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is (571) 272-3757. The examiner can normally be reached on M-F (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles E Anya
Examiner
Art Unit 2194

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SUPERVISORY PATENT EXAMINER